

# Cedar-Harris Creek Project

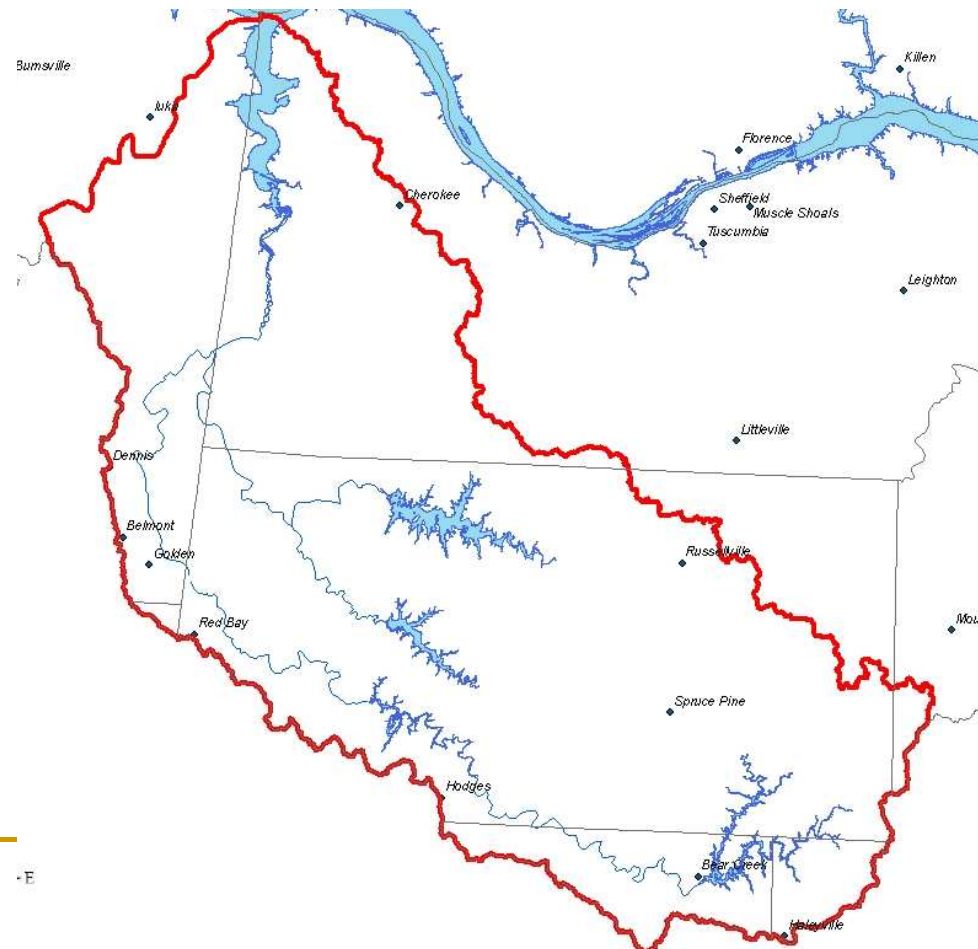
The History  
And the  
Future



Harris Creek - 2005

# The Bear Creek Watershed

- Portions of Alabama and Mississippi
- 945 square miles
- Five reservoirs
  - Pickwick (1938)
  - Upper Bear (1978)
  - Big Bear (1969)
  - Cedar (1979)
  - Little Bear (1975)



# The Bear Creek Watershed Project

## -The Early Years

- In 1984, watershed projects began after Bear Creek floatway was closed due to fecal coliform contamination
- Floatway reopened to public use August 9, 1990; The project's first success





# The Bear Creek Watershed Project

## -The Cedar-Harris Creek Project

- After years of activities at scattered locations in the Bear Creek system, partners centered efforts on the Harris Creek watershed in 2005
  - 303(d) listed for Sediment and Low Dissolved Oxygen

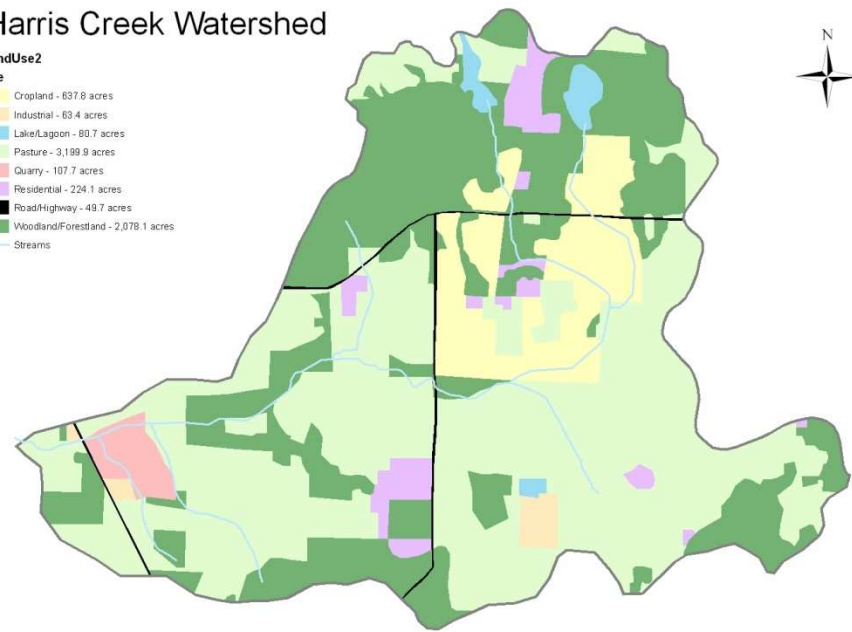


# The Bear Creek Watershed Project

## -The Cedar-Harris Creek Watershed



Harris Creek Watershed



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# The Cedar-Harris Creek Project

## 2007-2010

- Grant funding (\$319) approved in 2007
    - \$260,000 grant, \$175,400 matching
  - Partners
    - Alabama Department of Environmental Management
    - Franklin County Soil and Water District
    - Natural Resources Conservation Services
    - Tennessee Valley Authority
    - Russellville Utilities
    - Alabama Forestry Commission
    - Franklin County Commission
    - Pilgrim's Pride (GoldKist)
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# The Bear Creek Watershed Project

## -The Cedar-Harris Creek Project

- Education/Outreach
  - Agricultural BMP's
  - Urban BMP Demonstrations
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# The Cedar-Harris Creek Project

## 2007-2010 Education/Outreach

### ■ Envirothon

- Annual County-wide Competition
- Belgreen High School – 2-time State Champions





# The Cedar-Harris Creek Project 2007-2010 Education/Outreach

## ■ Cool Runnings





# The Cedar-Harris Creek Project

## 2007-2010 Education/Outreach

- Outdoor Classrooms
  - ❑ Russellville High School
  - ❑ Phil Campbell High School



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# The Cedar-Harris Creek Project 2007-2010 Agricultural BMP's

- Dry stack at Northwest Alabama Stockyard





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# The Cedar-Harris Creek Project

## 2007-2010 Agricultural BMP's

- Animal exclusion/Alternate water supply
  - 7 sites, 2800 feet of fencing



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# The Cedar-Harris Creek Project

## 2007-2010 Agricultural BMP's

- Stream Crossings

- 3 sites





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# The Cedar-Harris Creek Project

## 2007-2010 Agricultural BMP's

- Other Agricultural BMP's
  - ❑ Riparian buffer enhancement (18 acres)
  - ❑ Heavy use area stabilization (13,000 sq. feet)
  - ❑ Critical area planting (75 acres)
  - ❑ Winter cover planting (813 acres)
  - ❑ Nutrient management (798 acres)





# The Cedar-Harris Creek Project

## 2007-2010 Urban BMP Demonstration

- Pervious parking lot at Northwest Alabama Stockyard
  - 5070 sq. feet



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# The Cedar-Harris Creek Project 2007-2010 Urban BMP Demos

## ■ Rain Garden at Belgreen High School





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# The Cedar-Harris Creek Project

## 2007-2010 Urban BMP Demos

- Rain Garden at Belgreen High School





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# The Cedar-Harris Creek Project

## -The Future

- Continued Ag BMP's
  - Increase Riparian Buffer Protection
  - Urban Projects in Russellville
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# QUESTIONS



Harris Creek - 2011

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